

Water-Data Report NV-2005

10324700 BOULDER CREEK NEAR DUNPHY, NV

HUMBOLDT RIVER BASIN, MIDDLE HUMBOLDT RIVER BASIN

LOCATION.--Lat 40°57'04", long 116°26'39" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.33, T.36 N., R.49 E., Eureka County, Hydrologic Unit 16040105, on left bank, approximately 20 mi north of Dunphy.

DRAINAGE AREA.--76.7 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Feb 1991 to Jun 1993. Seasonal (Jan-Jun) record since Jun 1993.

GAGE.--Water-stage recorder. Elevation of gage is 5,010 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 560 ft³/s, May 16, 2005, gage height, 6.65 ft; no flow many days, most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 560 ft³/s, May 16, gage height, 6.65 ft; minimum daily discharge, 0.00 ft³/s, on many days.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	0.00	e9.0	22	52	89	40	---	---	---
2	---	---	---	0.00	e8.0	23	44	87	30	---	---	---
3	---	---	---	0.00	e7.0	21	44	91	23	---	---	---
4	---	---	---	0.00	e7.0	20	53	91	17	---	---	---
5	---	---	---	0.00	e6.0	21	50	96	12	---	---	---
6	---	---	---	0.00	e6.0	24	50	120	9.0	---	---	---
7	---	---	---	0.00	e5.0	28	60	126	7.5	---	---	---
8	---	---	---	0.00	e5.0	32	69	117	6.3	---	---	---
9	---	---	---	0.00	e5.0	37	66	174	4.7	---	---	---
10	---	---	---	0.00	e5.0	44	58	138	3.3	---	---	---
11	---	---	---	0.00	e5.0	43	51	174	2.2	---	---	---
12	---	---	---	0.00	5.0	41	46	231	1.6	---	---	---
13	---	---	---	0.00	5.1	39	45	193	0.83	---	---	---
14	---	---	---	0.00	9.2	31	40	166	0.27	---	---	---
15	---	---	---	0.00	9.6	26	36	145	0.04	---	---	---
16	---	---	---	0.00	6.5	23	34	347	0.00	---	---	---
17	---	---	---	0.00	7.1	19	38	348	0.00	---	---	---
18	---	---	---	0.00	8.9	16	45	300	0.00	---	---	---
19	---	---	---	0.00	14	18	43	251	0.00	---	---	---
20	---	---	---	0.00	17	20	44	206	0.00	---	---	---
21	---	---	---	0.00	18	17	38	170	0.00	---	---	---
22	---	---	---	0.00	21	18	32	136	0.00	---	---	---
23	---	---	---	8.9	25	51	38	112	0.00	---	---	---
24	---	---	---	33	19	45	48	93	0.00	---	---	---
25	---	---	---	33	18	37	61	78	0.00	---	---	---
26	---	---	---	34	19	38	63	69	0.00	---	---	---
27	---	---	---	33	20	49	73	60	0.00	---	---	---
28	---	---	---	31	24	58	85	54	0.00	---	---	---
29	---	---	---	26	---	60	94	50	0.00	---	---	---
30	---	---	---	20	---	62	95	48	0.00	---	---	---
31	---	---	---	e10	---	56	---	42	---	---	---	---
Total	---	---	---	228.90	314.4	1,039	1,595	4,402	157.74	---	---	---
Mean	---	---	---	7.38	11.2	33.5	53.2	142	5.26	---	---	---
Max	---	---	---	34	25	62	95	348	40	---	---	---
Min	---	---	---	0.00	5.0	16	32	42	0.00	---	---	---
Ac-ft	---	---	---	454	624	2,060	3,160	8,730	313	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.00	0.00	0.00	3.69	5.95	13.9	13.1	21.6	1.56	0.00	0.00	0.01
Max	0.00	0.00	0.00	38.5	44.8	57.6	53.2	142	14.4	0.00	0.00	0.01
(WY)	(1992)	(1992)	(1992)	(1997)	(1996)	(1993)	(2005)	(2005)	(1998)	(1991)	(1991)	(1991)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1992)	(1992)	(1992)	(1992)	(1991)	(1991)	(1991)	(1992)	(1992)	(1991)	(1991)	(1992)

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	Water Years 1991 - 2005	
Annual mean	0.09	
Highest annual mean	0.09	1992
Lowest annual mean	0.09	1992
Highest daily mean	350	Jan 2, 1997
Lowest daily mean	0.00	Feb 1, 1991
Annual seven-day minimum	0.00	Feb 1, 1991
Maximum peak flow	560	May 16, 2005
Maximum peak stage	6.65	May 16, 2005
Annual runoff (ac-ft)	62	
10 percent exceeds	0.00	
50 percent exceeds	0.00	
90 percent exceeds	0.00	